

Engineering Submittal Data Sheet: 12.16.2020







Document No. ES2018.58.4.B.24K.001.A

Submittal Data Sheet: WMMS-24KF-V2B(58)4

INDOOR UNIT





WMMS-24C-V2B(58)4

ACCESSORIES

- ☐ THERMOSTAT
- MOUNTING BRACKETS
- ☐ FOOT RISERS
- ☐ COPPER/WIRE/ACC.SET
- ☐ LINESET COVERS
- WINTER WIND BAFFLE
- ☐ BRIDGE CONTROLLER

Indoor Unit			WMMS-24EF-V2B(58)4			
Dimensions (W x D x H)	Outline	in.	50 3/8" x 22" x 10 5/8"			
	Package	in.	53 1/8" x 23 1/2" 11 1/8"			
Weight Net/Gross		lbs	74.97 / 85.995			
Panel						
Dimensions (W x D x H)	Outline	in.	-			
	Package	in.	-			
Weight Ne	t/Gross	lbs	-			
Outdoor Unit			WMMS-24C-V2B(58)4			
Dimensions	Outline	in.	38 5/8" x 16 3/4" x 31 1/8"			
(W x D x H)	Package	in.	42 5/8" x 19 1/4" x 33 5/8"			
Weight Net/Gross		lbs	152.1 / 163.2			
Connection Pipe						
Outer Diameter	Liquid	in.	3/8"			
	Gas	in.	5/8"			

Job Name:	Tag #:	
Location	Date:	
General Contractor:	Mechanical Contractor:	
Sales Representative:	Sales Engineer:	
Submitted by:	Drawing #:	
Reference	PO #:	

YMGI's ductless Recessed Fan Coil Mini Split (WMMS) is designed for high performance, easy installation and servicing. The single-zone WMMS system consists of 1 recessed fan coil indoor unit and 1 outdoor unit. The outdoor unit is designed for horizontal venting, making condenser installation in tight areas simple. Ideal for multi-family and high-rise buildings in residential, commercial, institutional, and industrial applications. Includes wall mount control.

Model		System	WMMS-24KF-V2B(58)4	
iviouei		Indoor Unit		WMMS-24EF-V2B(58)4
Capacity	Cooling		W	7000
	Cooming		Btu/h	23800
	Heating		W	8000
	Tleating		Btu/h	27200
EER/COP			-	3.14 / 3.38
Power Supply			V/Ph/Hz	208-230 / 1 / 60
Power Input	Cooling		W	2230
	Heating		W	2360
Current Input	Cooling		A	11.41
5 (1)	Heating		A	12.07
Refrigerant Ch	narge Volume		kg/oz	2.2 / 77.6
	Air Flow Volume		CFM	820
	-		m3/h	1400
Indoor Unit	ESP	Rated	In.wg	0.1
		Range	In.wg	0-0.3
	Sound Pressure		dB(A)	40 / 44 / 46
	Outer Diameter	Liquid	in.	3/8"
Connection	Outer Diameter	Gas	in.	5/8"
Pipe	May Distance	Height	ft.	49 1/4
	Max. Distance	Longth	ft.	164 1/16
		Length	IL.	104 1/10
Model	C	Dutdoor Unit	IL.	WMMS-24C-V2B(58)4
Model	Compressor Typ	Outdoor Unit	II.	
Model		Outdoor Unit	A A	WMMS-24C-V2B(58)4
Model	Compressor Typ	Outdoor Unit Dee A		WMMS-24C-V2B(58)4 DC Inverter Driven Rotary
Model	Compressor Typ Compressor RL	Outdoor Unit Dee A	А	WMMS-24C-V2B(58)4 DC Inverter Driven Rotary 18.0
Model	Compressor Typ Compressor RL/ Fan Motor Powe	Outdoor Unit oe A r Output	A HP	WMMS-24C-V2B(58)4 DC Inverter Driven Rotary 18.0 1/6
Model	Compressor Typ Compressor RL/ Fan Motor Powe Fan Motor FLA	Dutdoor Unit Dee A r Output ent Protection	A HP A	WMMS-24C-V2B(58)4 DC Inverter Driven Rotary 18.0 1/6 1.5
Model	Compressor Typ Compressor RL/ Fan Motor Powe Fan Motor FLA Max. Over Curre	Poutdoor Unit Die AA Tri Output Ent Protection CA)	A HP A A	WMMS-24C-V2B(58)4 DC Inverter Driven Rotary 18.0 1/6 1.5 40
Model	Compressor Typ Compressor RLz Fan Motor Powe Fan Motor FLA Max. Over Curre Min. Current (MC	outdoor Unit Dee AA TOutput Ent Protection CA) Flow Volume	A HP A A	WMMS-24C-V2B(58)4 DC Inverter Driven Rotary 18.0 1/6 1.5 40 24.0 2590
	Compressor Typ Compressor RL/ Fan Motor Powe Fan Motor FLA Max. Over Curre Min. Current (MC Outdoor Unit Air Condenser Fin / Maximum Allowa	outdoor Unit Dee A TOutput Pent Protection CA) Flow Volume Tube Structure Tube Pressure	A HP A A	WMMS-24C-V2B(58)4 DC Inverter Driven Rotary 18.0 1/6 1.5 40 24.0
	Compressor Typ Compressor RL/ Fan Motor Powe Fan Motor FLA Max. Over Curre Min. Current (MC Outdoor Unit Air Condenser Fin / Maximum Allowa	outdoor Unit Dee A TOutput Pent Protection CA) Flow Volume Tube Structure Tube Pressure	A HP A A CFM	WMMS-24C-V2B(58)4 DC Inverter Driven Rotary 18.0 1/6 1.5 40 24.0 2590 Aluminum Fin-copper Tube 624
	Compressor Typ Compressor RLz Fan Motor Powe Fan Motor FLA Max. Over Curre Min. Current (MC Outdoor Unit Air Condenser Fin / Maximum Allowa Throttling Metho	outdoor Unit Delegate A Toutput Ent Protection CA) Flow Volume Tube Structure able Pressure d	A HP A A CFM	WMMS-24C-V2B(58)4 DC Inverter Driven Rotary 18.0 1/6 1.5 40 24.0 2590 Aluminum Fin-copper Tube 624 Electron expansion valve
	Compressor Typ Compressor RL/ Fan Motor Powe Fan Motor FLA Max. Over Curre Min. Current (MC Outdoor Unit Air Condenser Fin / Maximum Allowa	Puttoor Unit Die A TOutput Dent Protection DA Flow Volume Tube Structure Dable Pressure Dod	A HP A A CFM	WMMS-24C-V2B(58)4 DC Inverter Driven Rotary 18.0 1/6 1.5 40 24.0 2590 Aluminum Fin-copper Tube 624
	Compressor Typ Compressor RL/ Fan Motor Powe Fan Motor FLA Max. Over Curred Min. Current (MC Outdoor Unit Air Condenser Fin / Maximum Allowa Throttling Metho Defrosting Metho Sound Pressure Cooling Operation	outdoor Unit Dee A TOutput Pent Protection CA) Flow Volume Tube Structure able Pressure d od / Power Level	A HP A A CFM PSIG	WMMS-24C-V2B(58)4 DC Inverter Driven Rotary 18.0 1/6 1.5 40 24.0 2590 Aluminum Fin-copper Tube 624 Electron expansion valve Automatic Defrosting 57 / 57
	Compressor Typ Compressor RL/ Fan Motor Powe Fan Motor FLA Max. Over Curre Min. Current (MC Outdoor Unit Air Condenser Fin / Maximum Allowa Throttling Metho Defrosting Metho Sound Pressure Cooling Operation Temp. Range	Poutdoor Unit Die A TOutput Pent Protection CA) Flow Volume Tube Structure able Pressure d od / Power Level on Ambient	A HP A A CFM PSIG	WMMS-24C-V2B(58)4 DC Inverter Driven Rotary 18.0 1/6 1.5 40 24.0 2590 Aluminum Fin-copper Tube 624 Electron expansion valve Automatic Defrosting
	Compressor Typ Compressor RL/ Fan Motor Powe Fan Motor FLA Max. Over Curre Min. Current (MC Outdoor Unit Air Condenser Fin / Maximum Allowa Throttling Metho Defrosting Metho Sound Pressure Cooling Operative Temp. Range Heating Operative	Poutdoor Unit Die A TOutput Pent Protection CA) Flow Volume Tube Structure able Pressure d od / Power Level on Ambient	A HP A A CFM PSIG	WMMS-24C-V2B(58)4 DC Inverter Driven Rotary 18.0 1/6 1.5 40 24.0 2590 Aluminum Fin-copper Tube 624 Electron expansion valve Automatic Defrosting 57 / 57 0 ~ 118
	Compressor Typ Compressor RLz Fan Motor Powe Fan Motor FLA Max. Over Curre Min. Current (MC Outdoor Unit Air Condenser Fin / Maximum Allowa Throttling Metho Defrosting Metho Sound Pressure Cooling Operation Temp. Range Heating Operation Temp. Range	outdoor Unit Delete A To Output Ent Protection CA) Flow Volume Tube Structure able Pressure d od / Power Level on Ambient on Ambient	A HP A A CFM PSIG dB (A) °F	WMMS-24C-V2B(58)4 DC Inverter Driven Rotary 18.0 1/6 1.5 40 24.0 2590 Aluminum Fin-copper Tube 624 Electron expansion valve Automatic Defrosting 57 / 57
	Compressor Typ Compressor RLz Fan Motor Powe Fan Motor FLA Max. Over Curre Min. Current (MC Outdoor Unit Air Condenser Fin / Maximum Allowa Throttling Metho Defrosting Metho Sound Pressure Cooling Operating Temp. Range Heating Operating Temp. Range R410A Refrigera	outdoor Unit Delete A To Output Ent Protection CA) Flow Volume Tube Structure able Pressure d od / Power Level on Ambient on Ambient	A HP A A CFM PSIG dB (A) °F	WMMS-24C-V2B(58)4 DC Inverter Driven Rotary 18.0 1/6 1.5 40 24.0 2590 Aluminum Fin-copper Tube 624 Electron expansion valve Automatic Defrosting 57 / 57 0 ~ 118
	Compressor Typ Compressor RLz Fan Motor Powe Fan Motor FLA Max. Over Curre Min. Current (MC Outdoor Unit Air Condenser Fin / Maximum Allowa Throttling Metho Defrosting Metho Sound Pressure Cooling Operation Temp. Range Heating Operation Temp. Range R410A Refrigera Charge	ent Protection CA) Flow Volume Tube Structure able Pressure d od / Power Level on Ambient ant Factory	A HP A A A CFM PSIG dB (A) °F °F ozs	WMMS-24C-V2B(58)4 DC Inverter Driven Rotary 18.0 1/6 1.5 40 24.0 2590 Aluminum Fin-copper Tube 624 Electron expansion valve Automatic Defrosting 57 / 57 0 ~ 118 0 ~ 75
	Compressor Typ Compressor RLz Fan Motor Powe Fan Motor FLA Max. Over Curre Min. Current (MC Outdoor Unit Air Condenser Fin / Maximum Allowa Throttling Metho Defrosting Metho Sound Pressure Cooling Operating Temp. Range Heating Operating Temp. Range R410A Refrigera	outdoor Unit Dee A TOutput Pent Protection CA) Flow Volume Tube Structure able Pressure d Od / Power Level on Ambient ant Factory for Pipe Length	A HP A A CFM PSIG dB (A) °F °F	WMMS-24C-V2B(58)4 DC Inverter Driven Rotary 18.0 1/6 1.5 40 24.0 2590 Aluminum Fin-copper Tube 624 Electron expansion valve Automatic Defrosting 57 / 57 0 ~ 118

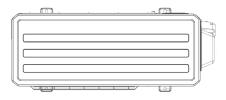


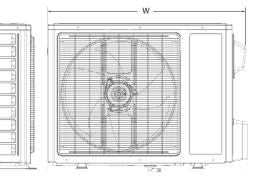
Submittal Data Sheet:

WMMS-24KF-V2B(58)4

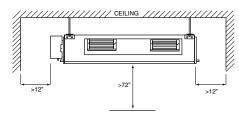
OUTDOOR UNIT

Dimensions (inches)		
W	38.625"	
Н	31.125"	
D	15.5"	

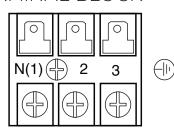




CLEARANCES

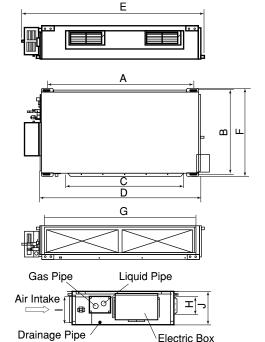


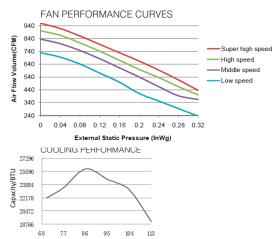
TERMINAL BLOCK

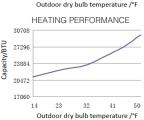


INDOOR UNIT

Dimensions (inches)		
А	43.375"	
В	20.375"	
С	32.25"	
D	45.625"	
Е	50.38"	
F	22.0"	
G	39.5"	
Н	6.25"	
I	9.3"	
J	10.5"	







FEATURES

- 208-230/1/60 power input
- Quiet and efficient heating & cooling.
- Wall Mounted Controller with Digital Display
- Low profile for easy installation in a ceiling or between joists
- Built in protection functions
- DC Inverter technology
- Wide working ambient temperature ranges
- Stylish design

YMGI Group

601 Arrow Ln, O'Fallon, Missouri 63366 Phone: 1-866-833-3138 Fax: 1-866-377-3355 ymgigroup.com

- Compact outdoor unit with side discharge
- Outdoor unit ships pre-charged.
- World-class quality compressors
- Durable powder coated cabinet
- Default flare brass connection valves
- Knock-outs for refrigerant pipes and wires
- Built to ETL/UL/CSA/ARI standards
- Easy installation and maintenance

Sales Representative or Distributor: